

REMARKS

Claims 3-5, 7-8, 10-13, 15-16, 18-19, and 21-34 are now pending in the application. Claims 23-25 are new. Claims 3-5, 7-8, 10-13, 15-16, 18-19, and 21-22 are amended. Claims 23-34 are new.

Applicants' representatives thank the Examiner for the courtesies extended during the personal interview of December 17, 2007, with participants Michael P. Doerr for Applicant and Examiner Charles Freay. Claim 1 was discussed with regard to Centers et al., U.S. Pat. No. 6,471,485 and Hull et al., U.S. Pat. No. 6,487,457. The general thrust of the principal arguments of Applicants included that Centers et al. and Hull et al. fail to teach or suggest a communication gateway communicating with each controller using a serial peripheral interface. The Examiner agreed. New independent Claims 23-24 each recite a communication gateway using a serial peripheral interface.

The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

REJECTION UNDER 35 U.S.C. § 112

Claims 6, 8, 9, and 22 stand rejected under 35 U.S.C. § 112, second paragraph. With respect to Claims 6 and 9, the rejection is rendered moot by cancellation. With respect to Claims 8, and 22, the Claims have been amended to revise the noted antecedent basis for "said sensor data." Accordingly, the Examiner is respectfully requested to reconsider and withdraw the rejections.

REJECTION UNDER 35 U.S.C. § 102

Claims 9-16 stand rejected under 35 U.S.C. § 102(b) based on Centers et al. (U.S. Pat. No. 6,471,485). This rejection is respectfully traversed. Further, with respect to Claims 9 and 14, the rejection is rendered moot by cancellation, without prejudice or disclaimer.

With respect to Claims 10-13 and 15-16, Applicants note that each depends from new Claim 23, which defines over the prior art as discussed in further detail below. For these reasons, Claims 10-13 and 15-16 likewise define over the prior art. Reconsideration and withdrawal of the rejections are respectfully requested.

REJECTION UNDER 35 U.S.C. § 103

Claims 1-8 stand rejected under 35 U.S.C. § 103(a) in view of Centers et al. (U.S. Pat. No. 6,471,485) and Hull et al. (U.S. Pat. No. 6,487,457). This rejection is respectfully traversed. Further, with respect to Claims 1-2 and 6, the rejection is rendered moot by cancellation, without prejudice or disclaimer.

With respect to Claims 3-5 and 7-8, Applicants note that each depends from new Claim 27, which defines over the prior art as discussed in further detail below. For these reasons, Claims 3-5 and 7-8 likewise define over the prior art. Reconsideration and withdrawal of the rejections are respectfully requested.

Claims 17-22 stand rejected under 35 U.S.C. § 103(a) in view of Centers et al. (U.S. Pat. No. 6,471,485) and Culp III et al. (U.S. Pat. No. 5,975,854). This rejection is respectfully traversed. Further, with respect to Claims 17 and 20, the rejection is rendered moot by cancellation, without prejudice or disclaimer.

With respect to Claims 18-19 and 21-22, Applicants note that each depends from new Claim 31, which defines over the prior art as discussed in further detail below. For these reasons, Claims 18-19 and 21-22 likewise define over the prior art. Reconsideration and withdrawal of the rejections are respectfully requested.

REJECTION UNDER DOUBLE PATENTING

Claims 1-22 stand rejected on the ground of nonstatutory obviousness-type double patenting based on claims 52, 19-22, 26-28, 30, 32-34, 48, 49, 55-58 and 65-67 of copending Application No. 09/977552 in view of Hull et al. (U.S. Pat. No. 6,487,457). This rejection is respectfully traversed. Further, this rejection is rendered moot by cancellation, without prejudice or disclaimer.

Claims 1-22 stand rejected on the ground of nonstatutory obviousness-type double patenting based on e over claims 1-16 of copending Application No. 10/769703 in view of Centers et al. (U.S. Pat. No. 6,471,485). This rejection is respectfully traversed. Further, this rejection is rendered moot by cancellation, without prejudice or disclaimer.

Claims 1-22 stand rejected on the ground of nonstatutory obviousness-type double patenting based on claims 9, 11 and 21 of U.S. Patent No. 6,302,654 in view of Centers et al. (U.S. Pat. No. 6,471,485). This rejection is respectfully traversed. Further, this rejection is rendered moot by cancellation, without prejudice or disclaimer.

NEW CLAIMS

Claim 23 recites a cooling system comprising a compressor rack, a plurality of controllers, a communication gateway, and a system master. The compressor rack

includes a plurality of compressors. Each controller is dedicated to a compressor of the plurality of compressors and has a memory operable to store configuration data specific to the compressor. The configuration data includes data identifying the compressor and providing compressor operating limits. The communication gateway is located at the compressor rack and communicates with each controller using a serial peripheral interface. The system master communicates with the communication gateway and is operable to command each controller to send configuration data to the system master through the communication gateway and to store a copy of the configuration data for each compressor.

Centers et al., Hull et al., and Culp et al. fail to teach or suggest the cooling system recited by Claim 23. For example, as discussed with the Examiner on December 17, 2007, the references fail to teach or suggest a communication gateway that communicates with each controller using a serial peripheral interface. Similar limitations are also recited by new Claims 27 and 31.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner

believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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